a second tube inserted through, and extending distally from, said orifice inside said inflation lumen, said second tube having a length, a lumen therethrough, a proximal portion, an inside wall surface and an outside wall surface; and

a bonding region bonding said second tube outside wall surface to said first tube outside wall surface, said second tube inside wall surface being formed of a second, lubricious material for a majority of said second tube length, said first tube wall having a layer of a first, flexible material extending for a majority of said first tube length, said first material being different from said second material.

3. (Amended) A catheter shaft as recited in claim 1, wherein said bonding region includes bonding between [said first tube outside surface and said second tube outside surface proximal of said orifice and said bonding region includes bonding between] said first tube inside surface and said second tube outside surface distal of said orifice.

27. (Amended) A catheter shaft comprising:

a first tube including [a] an inflation lumen in fluid communication with a dilatation balloon, an inside wall surface, and an outside wall surface;

a second tube disposed at least partially within said inflation lumen of said first tube, said second tube having a length, a lumen therethrough, an inside wall surface and an outside wall surface; and

a bonding region bonding said second tube outside wall surface to said first tube outside wall surface, said second tube inside wall surface being formed of a second

material for a majority of said second tube length, said first tube wall having a layer of a first material extending for a majority of said first tube length, said first material being different from said second.

47. (Amended) A catheter shaft comprising:

a first tube including [a] an inflation lumen in fluid communication with a dilatation balloon, an inside wall surface, and an outside wall surface;

a second tube having at least a portion disposed outside of said first tube and a part disposed within said inflation lumen, said second tube having a length, a lumen therethrough, an inside wall surface and an outside wall surface; and

a bonding region including bonding between said first tube outside surface and said second tube outside surface distal of said orifice [bonding said second tube outside wall surface to said first tube outside wall surface], said second tube outside wall surface being formed of a second material for a majority of said second tube length, said first tube wall having a layer of a first material extending for a majority of said first tube length, said first material being different from said second.

Remarks

The preceding amendment and following remarks are submitted in response to the Official Action of the Examiner mailed March 2, 2000. The claims now pending are Claims 1-48. Entry of the present amendment and reconsideration to that end is respectfully requested.